



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 2" Gallery Steel Pan W8 Steel Sectional Garage Door up to 16'-2" Wide w/ Optional Impact Resistant Lites (DP +46.0, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 104791, titled "W8 DP 46T 2" Gallery Pan Doors 16'2"W", sheet 1 and 4 of 4, dated 04/11/2013, with revision 1 dated 05/01/2013, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, Troy, OH, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above..

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
07/25/2013

NOA No 13-0510.04
Expiration Date: August 1, 2018
Approval Date: August 1, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 104791, titled "W8 DP 46T 2" Gallery Pan Doors 16'2"W", sheet 1 and 4 of 4, dated 04/11/2013, with revision 1 dated 05/01/2013, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS

1. Addendum letter to Test Report No. ATLNC 0220-01-13, dated 06/18/2013, signed and sealed by David W. Johnson, P.E.
2. Test reports on
 - 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16'2"x 8', 24ga steel garage door Model GD4SW8 with windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0220-01-13, dated 04/29/2013, signed and sealed by David W. Johnson, P.E.

3. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. 30160-04-63365, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 05/03/2013, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letters of code conformance to 2010 FBC and no financial interest, both issued by Clopay Building Products Company, dated 05/06/2013, signed and sealed by Scott Hamilton, P.E.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 13-0510.04

Expiration Date: August 1, 2018

Approval Date: August 1, 2013

MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY	AR4S
IDEAL EXPRESSIONS	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

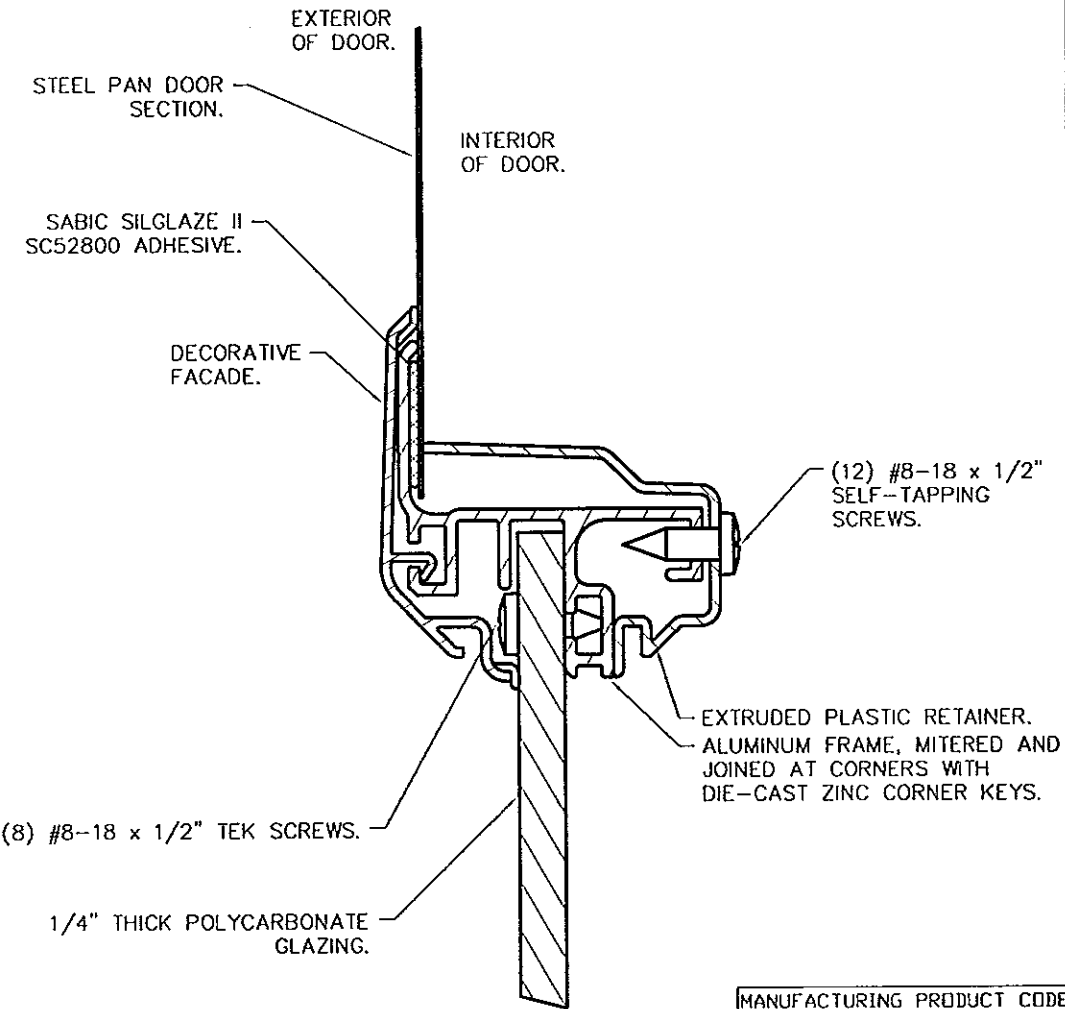
SHEET:
1 OF 4

REVISIONS						DESCRIPTION
REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:		
01	-	4/11/13	-	SH	INITIAL RELEASE.	

IMPACT-RESISTANT CONSTRUCTION:

SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONAL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND SABIC INNOVATIVE PLASTICS LEXAN MR10, AN APPROVED CC1 PLASTIC IN ACCORDANCE WITH IBC/FBC 2606 AND AN APPROVED C1 PLASTIC IN ACCORDANCE WITH FBC 2612. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT.

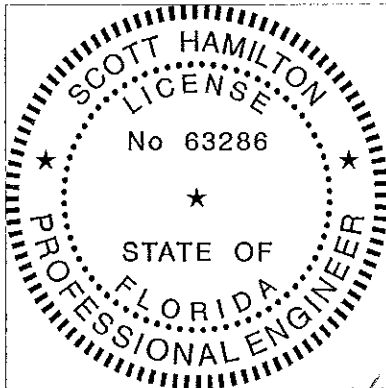
SECTION B-B (IMPACT-RESISTANT GLAZING OPTION)



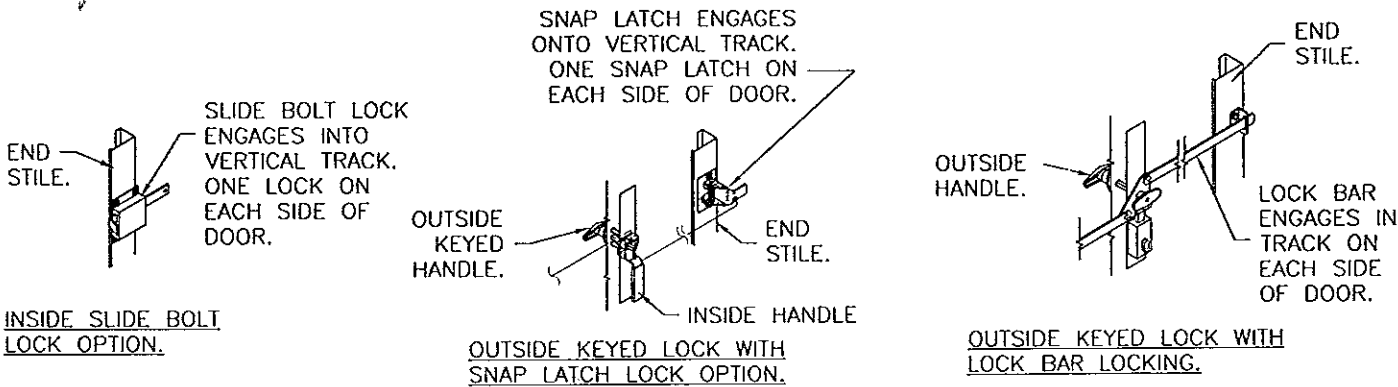
DOOR HEIGHT	# OF SECTIONS
UP TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8
MAX SECTION HEIGHT: 24'	

Approved as complying with the
Florida Building Code
Date 03/01/2013
NOA# 13-0510-04
Miami Dade Product Control

By



DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286



DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise TOLERANCES are
.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ± 1/2°
Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

Glopay
Building Products Company
8585 Duke Boulevard
Moson, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

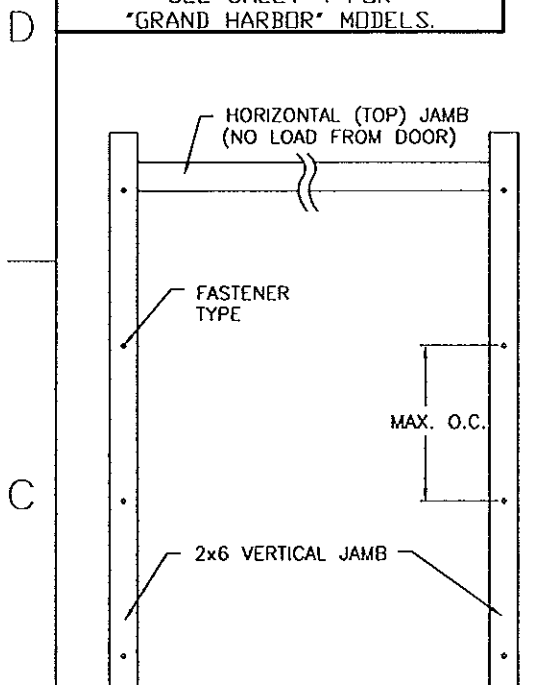
DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)			
DRAWN BY: SH	DATE: 5/1/13	SCALE: NTS	DWG. B
CHECKED BY: SH	DATE: 5/1/13	SHEET 1 OF 4	SIZE
DWG. NO.: 104791	VER: M-D		

MANUFACTURING PRODUCT CODE PAN-2F443
PART NO.: N/A

WINDLOAD RATING
W8 DP46T

MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY IDEAL EXPRESSIONS	AR4S
	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

SHEET:		REVISIONS					
2 OF 4		REV. NO.	ZONE:	DATE:	ECN NO.	APPVD:	DESCRIPTION
		01	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.



C

B

A

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

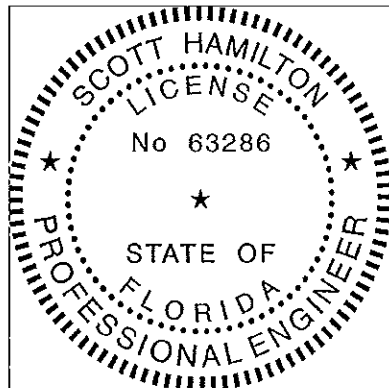
NOTES:

- ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
- EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +368 LB & -416 LB. PER LINEAR FOOT OF JAMB.
- ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
- A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT (NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

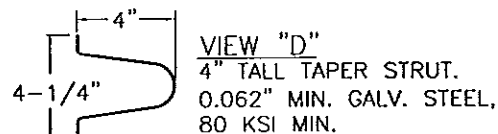
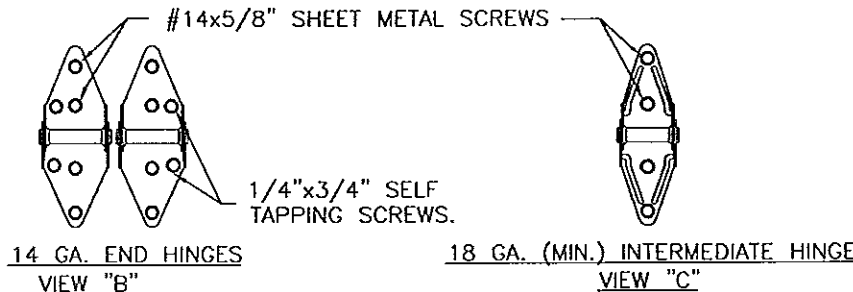
BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
HOLLOW CMU BLOCK WALL	1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	4-1/2"	1" O.D.
GROUT-FILLED CMU BLOCK	1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR	7-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR	6-1/4"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR	3-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	13-1/2"	INCLUDED
4000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR	24"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14-3/4"	1" O.D.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



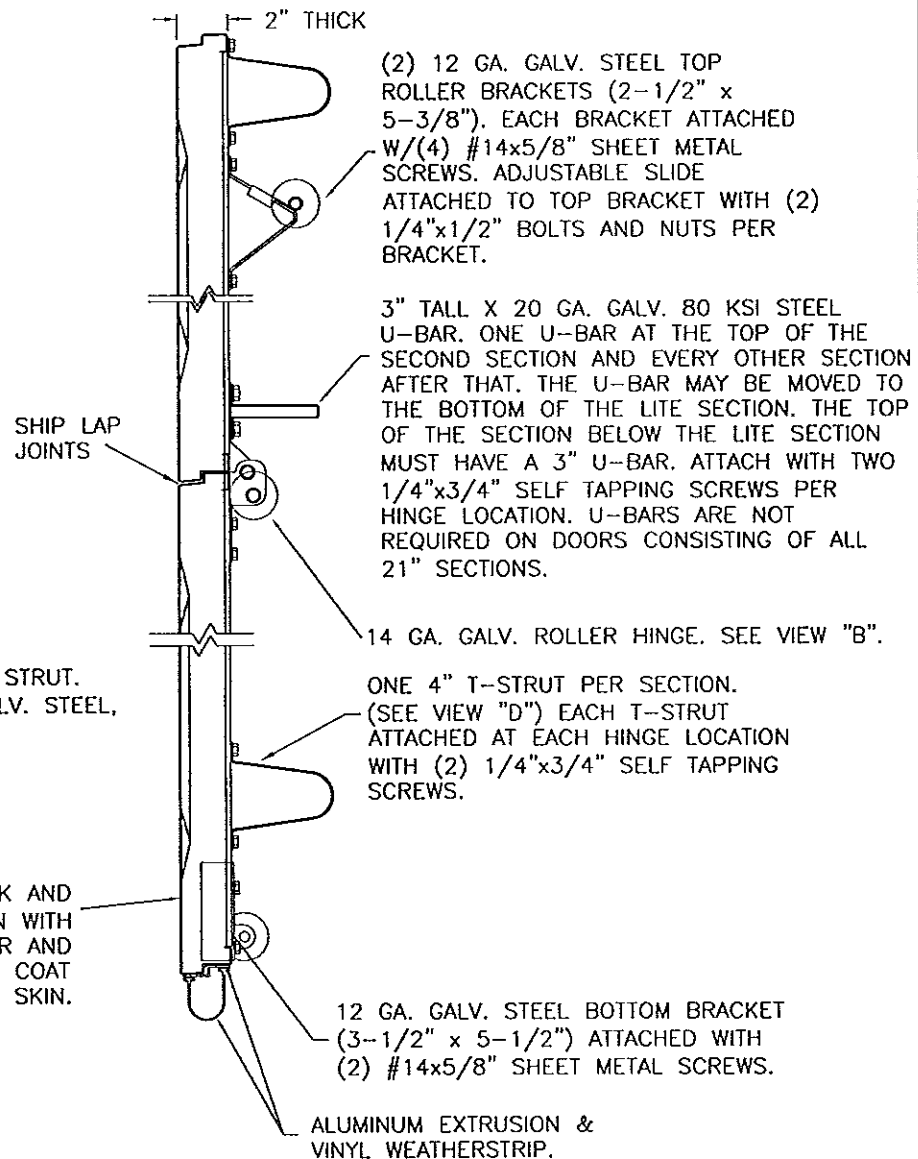
DESIGN ENGINEER: *Scott Hamilton*
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286

Approved as complying with the
Florida Building Code
Date: *08/01/2013*
NOAH *13-0510.04*
Miami Dade Product Control
By: *[Signature]*




24 GA. DDS STEEL (MIN. 0.022" THICK AND MIN. YIELD 37.3 KSI .) EXTERIOR SKIN WITH G-40 GALVANIZING, BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

SECTION A-A (SIDE VIEW)

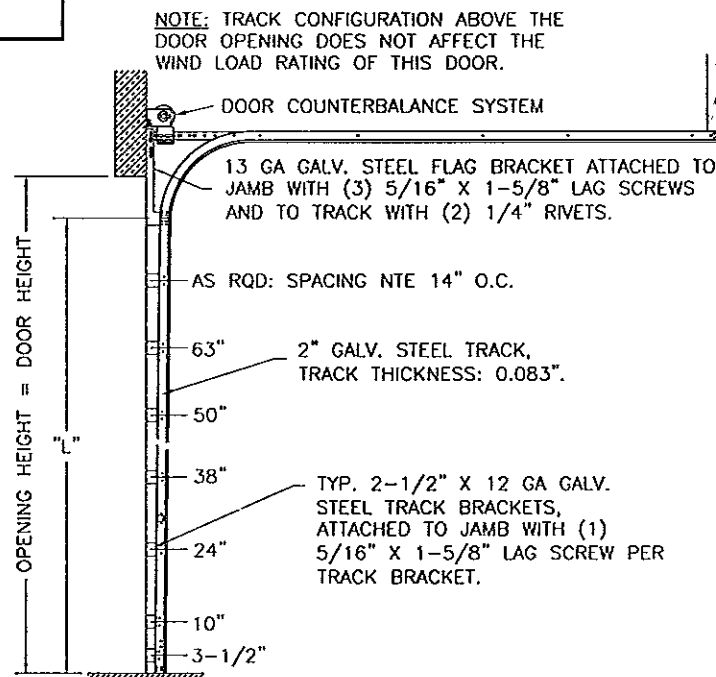


DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise TOLERANCES are .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2' Unless Stated Otherwise DIMENSIONS ARE IN INCHES.	 Clopay Building Products Company	8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853		WINDLOAD RATING W8 DP46T	
		DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)			
		DRAWN BY: SH	DATE: 5/1/13	SCALE: NTS	DWG. B
		CHECKED BY: SH	DATE: 5/1/13	SHEET 2 OF 4	SIZE B
		DWG. NO.: 104791		VER: M-D	

MODELS	SHORT
CLOPAY GALLERY	GD4S, GR4S
HOLMES ARTISTRY IDEAL EXPRESSIONS	AR4S
	ED4S
SEE SHEET 4 FOR "GRAND HARBOR" MODELS.	

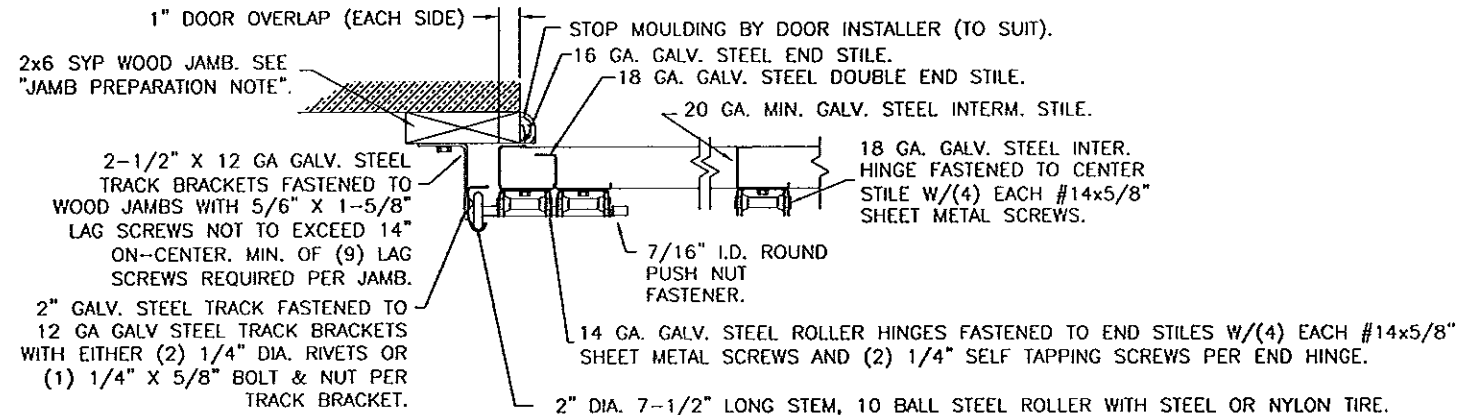
2" TRACK CONFIGURATION
DOORS UP TO 800 LBS.



HORIZONTAL TRACK
SUPPORT BY DOOR
INSTALLER (TO SUIT).

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"
12'-6"	142"
13'-0"	148"
13'-6"	154"
14'-0"	160"
14'-6"	166"
15'-0"	172"
15'-6"	178"
16'-0"	184"

JAMB CONFIGURATION
DOORS UP TO 800 LBS.

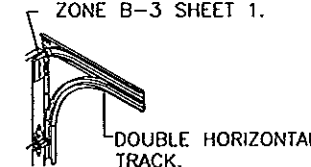


SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

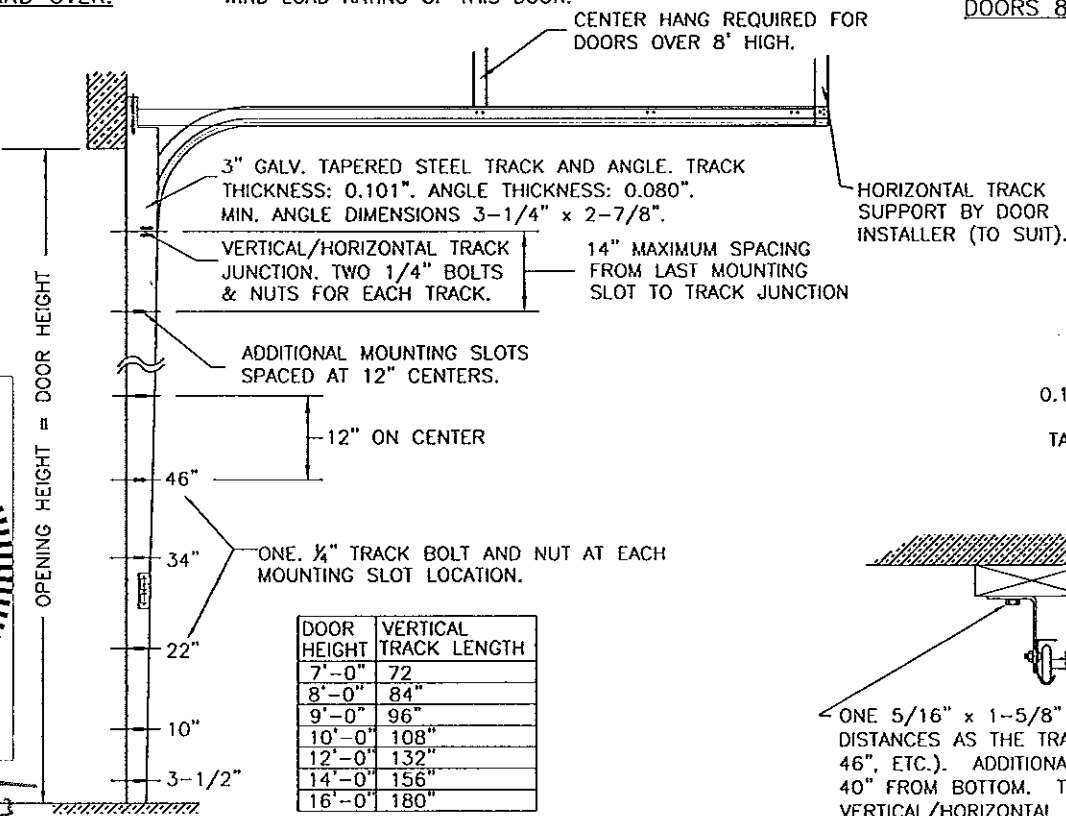
LHR BRACKET (2-1/2" x 5-3/4" x 12GA)
ATTACHED WITH (2) 1/4" x 3/4" SELF TAPPING
SCREWS. NOTE THAT LHR BRACKETS ARE ALSO
USED WITH "DOUBLE END STILE" AS SHOWN IN
ZONE B-3 SHEET 1.

DOUBLE TRACK
LOW HEADROOM OPTION
(AVAIL. FOR BOTH 2" AND 3" TRACK)

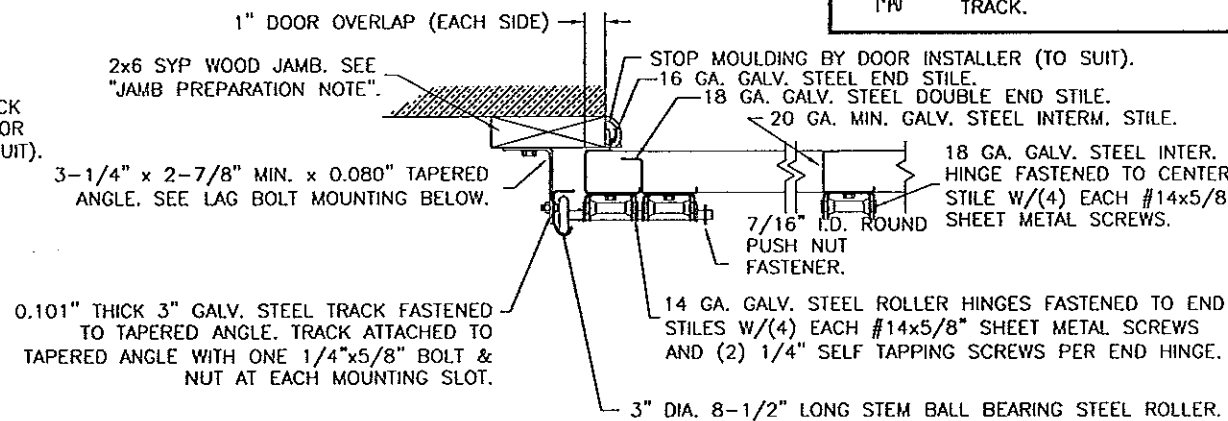


3" TRACK CONFIGURATION
DOORS 800 LBS AND OVER.

NOTE: TRACK CONFIGURATION ABOVE THE
DOOR OPENING DOES NOT AFFECT THE
WIND LOAD RATING OF THIS DOOR.



JAMB CONFIGURATION
DOORS 800 LBS AND OVER.



SECTION C-C

PREPARATION OF JAMBS BY OTHERS.

DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise
TOLERANCES are

.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

Clopay
Building Products Company

8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

MANUFACTURING PRODUCT CODE
PAN-2F443

PART NO.: N/A

WINDLOAD RATING
W8 DP46T

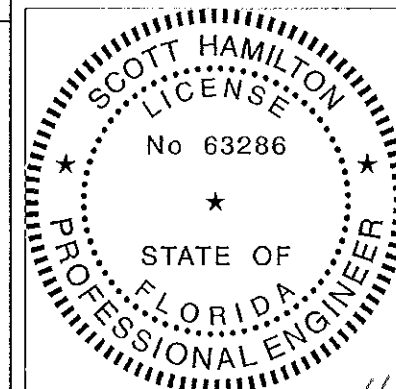
DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH DATE: 5/1/13 SCALE: NTS DWG. B

CHECKED BY: SH DATE: 5/1/13 SHEET 3 OF 4

DWG. NO.: 104791 VER: M-D

Approved as complying with the
Florida Building Code
Date 08/11/2013
NOA# 13-0510-04
Miami Dade Product Control
By *[Signature]*



DESIGN ENGINEER
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286

CLOPAY 'GRAND HARBOR' SERIES: GHnn, GHRnn, GHRVnn

HOLMES 'EVANSTON' SERIES: SPnn, SPVnn

IDEAL 'STONE MANOR' SERIES: SMnn

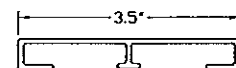
NOTE: "nn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. THE FIRST DIGIT WILL HAVE A VALUE FROM 1 TO 2 AND THE SECOND DIGIT WILL HAVE A VALUE FROM 1 TO 3.

SHEET:

4 OF 4

REVISIONS

REV. NO.	ZONE	DATE	ECN NO.	APPVD.	DESCRIPTION
01	-	-	-	SH	SEE REVISION HISTORY ON SHEET ONE.



DECORATIVE OVERLAYS MAY BE HORIZONTAL, VERTICAL, AND DIAGONAL (DIAGONAL NOT SHOWN).

SECTION B-B (OVERLAY DETAIL)

DECORATIVE OVERLAYS OF PULTRUDED POLYESTER RESIN FIBERGLASS ADHERED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.

WOOD-GRAIN EMBOSSED STEEL PAN DOOR SKIN.

Approved as complying with the Florida Building Code
Date 08/01/2013
NOAH 13-0510.04
Miami Dade Product Control

By

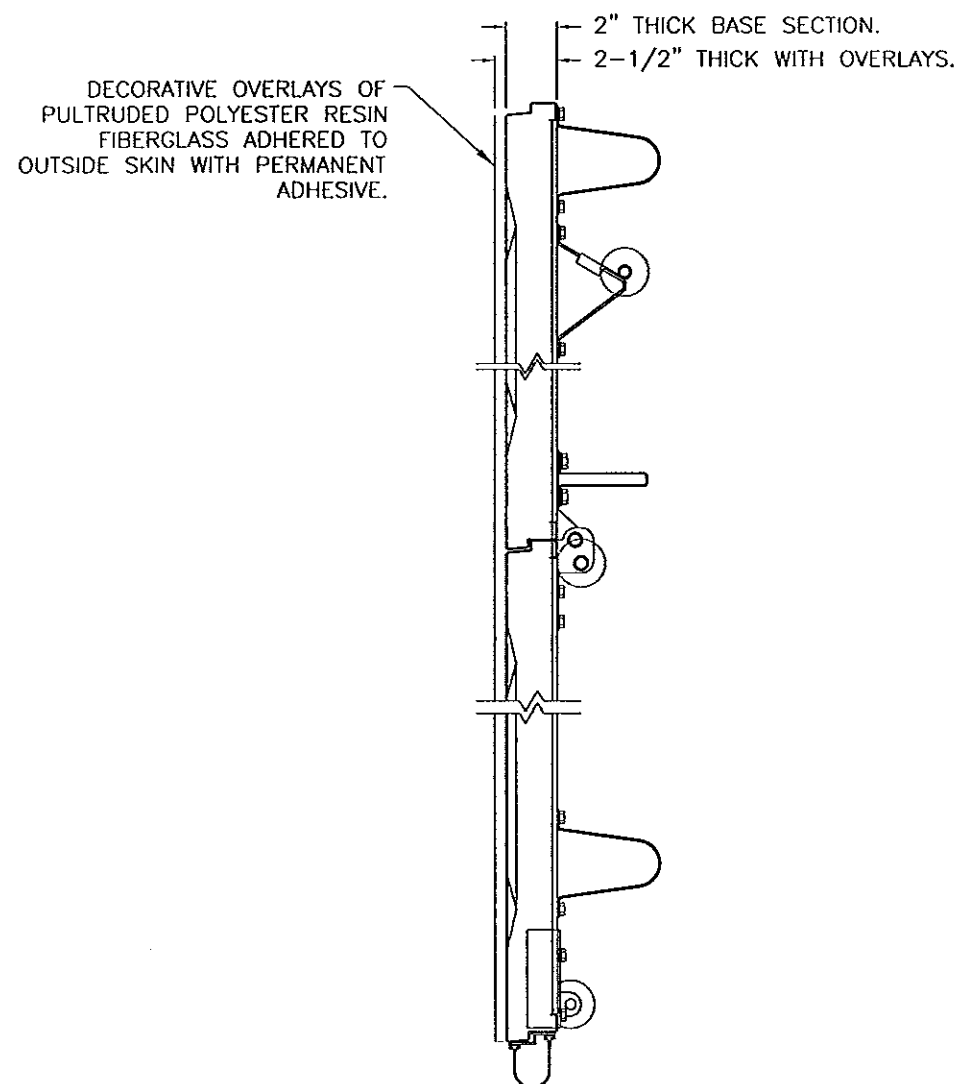
REPRESENTATIVE DOOR WIDTH
OUTSIDE ELEVATION

REPRESENTATIVE HEIGHT
MAX. SECTION HEIGHT = 24"

"GRAND HARBOR" TYPE OVERLAY DOORS

NOTES:

- "GRAND HARBOR" TYPE DOORS USE THE SAME REINFORCEMENTS AND BASE SECTION CONSTRUCTION AND TRACK CONFIGURATION DESCRIBED ON SHEETS 1-3 OF THIS DRAWING.
- "GRAND HARBOR" TYPE DOORS ARE IMPACT RESISTANT AS SOLID DOORS ONLY.



SECTION A-A (SIDE VIEW)

DESIGN LOADS: +46.0 P.S.F. & -52.0 P.S.F.

Unless Stated Otherwise
TOLERANCES are

.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.

Clopay
Building Products Company

8585 Duke Boulevard
Mason, OH 45040 USA
Tel. No. 513-770-4800
Fax No. 513-770-4853

DESCRIPTION: 2" GALLERY PAN DOORS 16'2"W (SEE TABLE)

DRAWN BY: SH

DATE: 5/1/13

CHECKED BY: SH

DATE: 5/1/13

DWG. NO.: 104791

MANUFACTURING PRODUCT CODE

SPQ-2F449

PART NO.: N/A

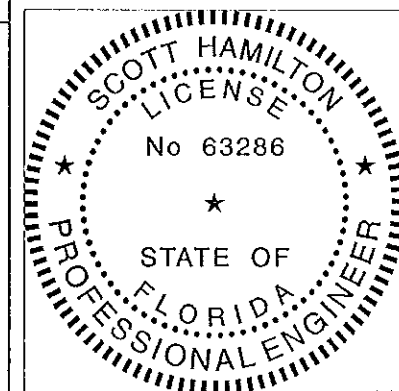
WINDLOAD RATING

W8 DP46T

SCALE: NTS

SHEET 4 OF 4

VER: M-D



DESIGN ENGINEER:
SCOTT HAMILTON, P.E.
FLORIDA LICENSE No. 63286